Rimage AutoPrinter™
User Guide

RIMAGE®

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Introduction

This manual provides the information needed to operate and identify the parts of the AutoEverest and AutoPrism AutoPrinter. To set up your AutoPrinter and install the CD Designer™ Software Suite, refer to the set up and installation guide included with your product.

About this User Guide

- While we try to maintain all versions of our manuals and documentations, please note that the English version found on our web site always contains the most up-to-date information.
- Unless otherwise indicated, all Windows navigation statements are Windows XP paths. Windows Vista, Windows 2000, and Windows Server 2003 paths may differ slightly.
- These symbols are used throughout the manual to help clarify information:

  . **Note:** A Note provides supplemental information or information that may apply only in special cases. For example, memory limitations, equipment configurations, or details that apply to specific versions of a program would be included in a Note.

  & **Tip:** A Tip provides techniques and procedures to help with your specific needs. A Tip suggests alternative methods that may not be obvious and helps you understand the benefits and capabilities of the product.

  J **Important!** An Important note provides information that is essential to the completion of a task. You can disregard information in a Note or Tip and still complete a task, but do not disregard an Important note.

  ‹ ***Caution:*** *A Caution indicates that failure to observe this guideline could result in loss or damage to the equipment, product, software, or data.*

  I ***Warning!*** *A Warning indicates that failure to follow this guideline could result in bodily injury to personnel operating or maintaining the equipment.*

About your Product

The Rimage AutoPrinter is available with either the Everest printer or the Prism*Plus!* printer. For specific information about your printer, refer to the Everest or Prism printer user guide that shipped with your product.

. **Note:** The term ‘AutoPrinter’ is used throughout this user guide to refer to both the AutoEverest and the AutoPrism. The terms ‘AutoEverest’ and ‘AutoPrism’ are used only to refer to either product specifically.

Optical Disc Recording Software Disclaimer

This Product, Software, or Documentation may be designed to assist you in reproducing material in which you own the copyright or have obtained permission to copy from the copyright owner. Unless you own the copyright or have permission to copy from the copyright owner, you may be violating copyright law and be subject to payment of damages and other remedies. If you are uncertain about your rights, you should contact your legal advisor. If you are neither in possession of the copyright nor have authorization from the owner of the copyright, unauthorized copying of copyrighted material on an optical disc or on any other media violates national and international legislation and can result in severe penalties.

Important Information

This section provides support contact information, safety and compliance information, and product specifications for the Rimage AutoPrinter.

Support Information

US, Asia/Pacific, Mexico/Latin America	Europe
Rimage Corporation 7725 Washington Avenue South Minneapolis, MN 55439 USA Attn: Rimage Services	**Rimage Europe GmbH** Albert-Einstein-Str. 26 63128 Dietzenbach Germany
Contact Rimage Support: **Website:** www.rimage.com/support **KnowledgeBase:** http://rimage.custhelp.com Login and select the ***Ask a Question*** tab. **Telephone:** North America: 800-553-8312 Asia/Pacific, Mexico/ Latin America: 952-946-0004 **Fax:** 952-946-6956	**Contact Rimage Europe Support:** **Website:** www.rimage.de **Email:** support@rimage.de **Telephone:** +49-(0) 1805-7462-43 **Fax:** +49-(0) 6074-8521-100

When you contact Rimage Services, please provide:	My Rimage Product Information:
· Unit serial number and software version · Functional and technical description of the problem · Exact error message received	Copy this information from your Rimage Product for future reference. ▪ **Note:** Make sure you update the Serial Number here anytime you receive a replacement AutoPrinter.
	Serial Number:
	Product Name:
	Date of Purchase:

Learn More Online

At www.rimage.com/support, you can experience Rimage's world-class Support and Services.

From the **Support** home page:	From your product page you can access:
1. Select your **Product Series**. 2. Select your **Product**. 3. Learn more on the **Product page**.	· Information about the latest software and firmware updates · Product specifications · The latest documents · Current firmware and driver downloads

Technical Support and Product Updates

Support for the Rimage AutoPrinter is available through your authorized reseller.

Important! Make sure that you register your AutoPrinter so Rimage can notify you of upgrades as they become available. Registration for products using Rimage software versions 8.2 or higher is now managed through the Rimage website at www.rimage.com/support/warranty-registration.

Safety and Compliance Information

Safety Precautions

This manual and the indications on the product allow proper and safe operation. The indication marks below help protect you and other persons from injury, and equipment from damage.

I ***Warning!*** *According to ANSI (American National Standards Institute) standards, a warning is used to indicate situations that could result in bodily injury to personnel operating or maintaining the equipment.*

‹ ***Caution:*** *Indicates that failure to observe this guideline could result in loss or damage to the equipment, product, software, or data.*

To ensure safety, please read the precautions in this document and familiarize yourself with their meaning before using the equipment.

I ***Warning!***

- *Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiant exposure.*
- *Do not disassemble or use tools on a Rimage printer. All service procedures should be performed by a Rimage-authorized technician, or sent in for Rimage-authorized repair.*
- *Do not service a Rimage printer with the power cord plugged in the AC outlet.*
- *The interior of a Rimage printer contains sharp edges.*
- *Do not use a Rimage printer if it is overheating or an abnormal smell is detected. This may result in a fire and an electric shock. In case of heating or abnormal smell, immediately disconnect the cable from the outlet. Contact your Rimage-authorized dealer for repairs.*
- *The front bezel of the Rimage Everest™ printer can be opened by hand. Do not insert your fingers.*
- *Do not touch the heat roller in a Rimage Everest printer.*

‹ ***Caution:***

- *All equipment with AC line voltage, or low DC voltages, such as switches, power supplies, fuses, fans, non-stepper motors, must be replaced with Rimage-approved components to maintain the safety approval issued by UL.*
- *Use only the supplied AC power cord. For more information or to order a new power cord, contact Rimage Customer Service.*
- *This product is designed for an office environment.*
- *Allow sufficient free space for opening the printer tray. Do not touch the printer tray while it is moving.*
- *If the side cover on the Rimage Everest printer is opened while power is supplied, the printer will stop. Do not reach into the printer while it is operating. Do not attempt to bypass the door interlock.*
- *The Rimage Everest printer has no power switch. Power is disconnected completely by unplugging the cable. Rimage recommends installing the printer in a position that allows immediate disconnection of the power cable. Always hold the plug when disconnecting the cable from the outlet.*
- *The Rimage Everest printer has a voltage slide switch on the back of the unit. Before use, make sure that it is set to the correct voltage. Please do not use any voltage other than 110VAC or 220VAC. This could result in a fire and an electric shock.*

‹ ***Country-specific cautions for Wideband Data Transmission systems; 2400-2483.5 MHz***

- ***France:*** *Do not use outdoors.*
- ***Italy:*** *If used outside of own premises, general authorization is required.*
- ***Norway:*** *This subsection does not apply for the geographical area within a radius of 20km from the centre of Ny-Alesund.*

Compliance Information

Product Name	AutoPrinter II	AutoPrinter III
Model	RAS10	RAS25
Notice for USA		
	NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when this equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense. This product complies with UL 60950, 3rd edition.	
Notice for Canada		
	This Class A digital apparatus complies with Canadian ICES-003 Issue 4:2004. Cet appareil numerigue de la classe A est conforme a la norme NMB-003 du Canade. This product complies with CAN/CSA-C22.2 No. 60950.	
Notice for Europe		
	This product is in conformity with the EMC Directive (89/336/EEC) and the Low-Voltage Directive (73/23/EEC) through compliance with the following European standards: IEC 60950:1999, 3rd edition, EN 55022:1998 + A1:2000 + A2:2003, EN 55024:1998 + A1:2001 + A2:2003, EN 61000-3-2:2000 + A2:2005, EN 61000-3-3:1995 + A1:2001. The CE mark has been affixed in accordance with the CE Marking Directive 93/68/EEC.	
Notice for Japan		
	This is a Class A product based on the standard of the Voluntary Control Council for Interference by Information Technology Equipment (VCCI). If this equipment is used in a domestic environment, radio interference may occur, in which case, the user may be required to take corrective action. Translation: **この装置は、情報処理装置等電波障害自主規制協議会（ＶＣＣＩ）の基準に基づくクラス A 情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがありま す。この場合には使用者が適切な対策を講ずるよう要求されることがあります。**	
Notice for Australia		
	This product complies with AS/NZS CISPR22:2006.	

Rimage AutoPrinter Specifications

- **Notes:**
  - The most up-to-date technical specifications for the AutoPrinter are located at www.rimage.com/support. From the ***Support*** menu select: **Printer Series** > **AutoPrinter** > **User Manuals** tab.
  - For printer specifications, refer to you Everest or Prism printer user guide or www.rimage.com/support.

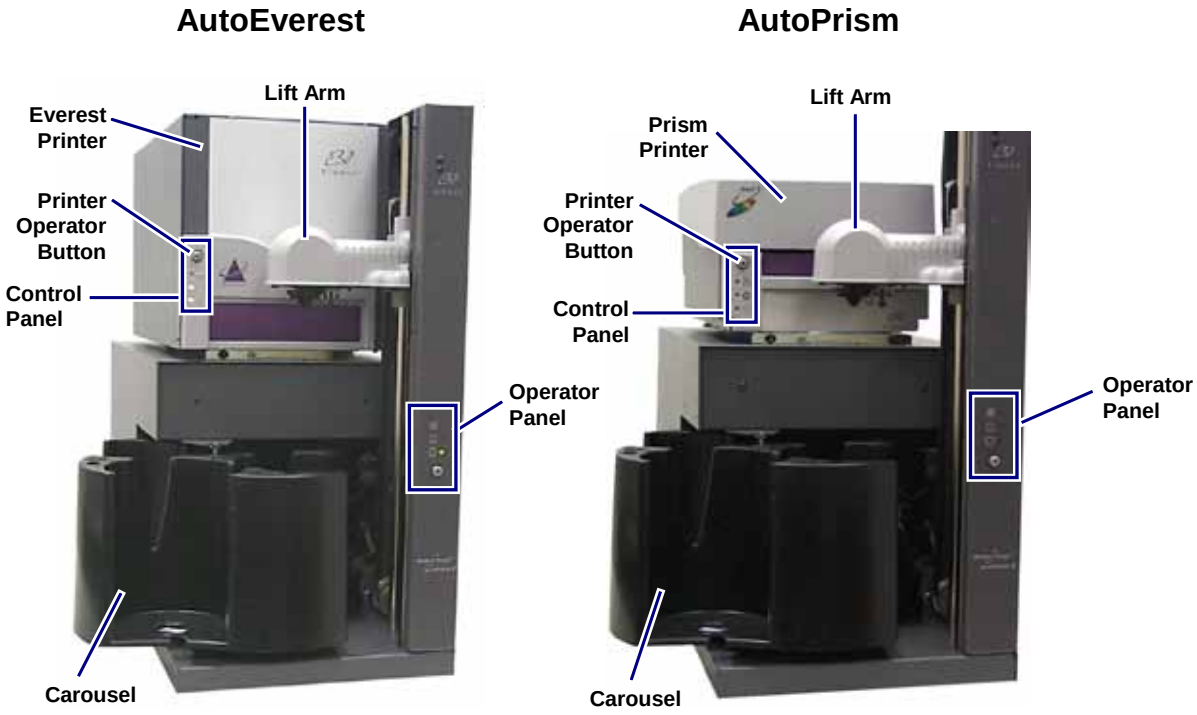
	AutoEverest	AutoPrism
Standard system	AutoPrinter autoloader, Everest printer and CD Designer™ software suite.	AutoPrinter autoloader, Prism*Plus!*™ printer and CD Designer™ software suite.
Minimum PC requirements	**Important!** If you do not understand these requirements, ask your computer technician for help or refer to your PC documentation.	
Windows PC	**Processor:** 1 GHz or higher **RAM/memory:** 512 MB or higher **Hard drive:** 1GB free space **Port:** One USB 2.0 **Display resolution:** 1024x768 or higher **Supported operating systems (32-bit only):** · Windows Vista Business with SP1 (CD Designer 8.1 and higher only)* · Windows Vista Business, Enterprise, and Ultimate with SP1 (CD Designer version 8.2 and higher only)* · Windows XP Professional SP3 · Windows XP Professional SP2 (Rimage Software versions 8.1 and lower only) · Windows 2000 Professional SP4 (Rimage Software versions 8.1 and lower only) · Windows Server 2003 SP1 standard	**Processor:** 1 GHz or higher **RAM/memory:** 512 MB or higher **Hard drive:** 1GB free space **Port:** One USB 2.0 **Display resolution:** 1024x768 or higher **Supported operating systems (32-bit only):** · Windows Vista Business, Ultimate, and Enterprise with SP1 (CD Designer version 8.2 and higher only)* · Windows XP Professional SP3 · Windows XP Professional SP2 (Rimage Software versions 8.1 and lower only) · Windows 2000 Professional SP4 (Rimage Software versions 8.1 and lower only) · Windows Server 2003 SP1 standard
Macintosh	**Processor:** G4 **RAM/memory:** 512 MB **Port:** One USB 2.0 **Supported operating systems:** · **Everest II:** Macintosh OS X v 10.3/10.4 · **Everest III & 600:** Macintosh OS X v 10.4/410.5	**Not supported**
	* Standalone Everest II printers and AutoPrinters using Everest II printers are not supported by the Windows Vista operating system.	

	AutoEverest	AutoPrism
Physical size		
Height	22.5 in (57.2 cm)	22.5 in (57.2 cm)
Width	15 in (38.1 cm)	15 in (38.1 cm)
Depth*	23.5 in (59.7 cm)	23.5 in (59.7 cm)
Weight	82 lb (37.2 kg)	57 lb (25.9 kg)
	*Leave an additional 3.5 in (9 cm) for cabling.	
Prints per hour	Up to 60	Up to 240
Power	100 – 240 VAC, 1.5 A, 60/50 Hz	
Input bin capacity	300 discs	
Output capacity	300 discs	
Software requirements	CD Designer or other graphics application	
Media requirements	Refer to your printer user guide for the correct media requirements. Rimage Media Kits™ are designed for optimum recording and print performance.	
Ribbon requirements	Refer to your printer user guide for the correct printer ribbons. Rimage Media Kits™ include the required print ribbons.	
Label design requirements	Refer to your printer user guide for label design requirements.	
Temperature and humidity		
Operating temperature	60° to 80° F (16° to 27° C)	
Humidity	40% to 80% non-condensing	
Storage temperature	5° to 95° F (-15° to 35° C)	

Identify the Parts of the AutoPrinter

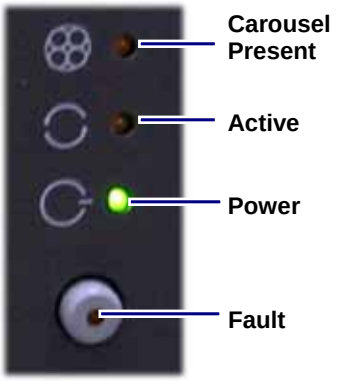
This section identifies the different parts of the AutoPrinter. For detailed information about the parts of the Everest or Prism printer, refer the printer user guide that shipped with your product.

Front View



Operator Panel

The operator panel has an operator button and four indicator lights. Each time you press the operator button, the carousel rotates to the next bin. The indicator lights provide the following operational information:



Carousel Present — The **carousel present** indicator light illuminates when the carousel is absent.

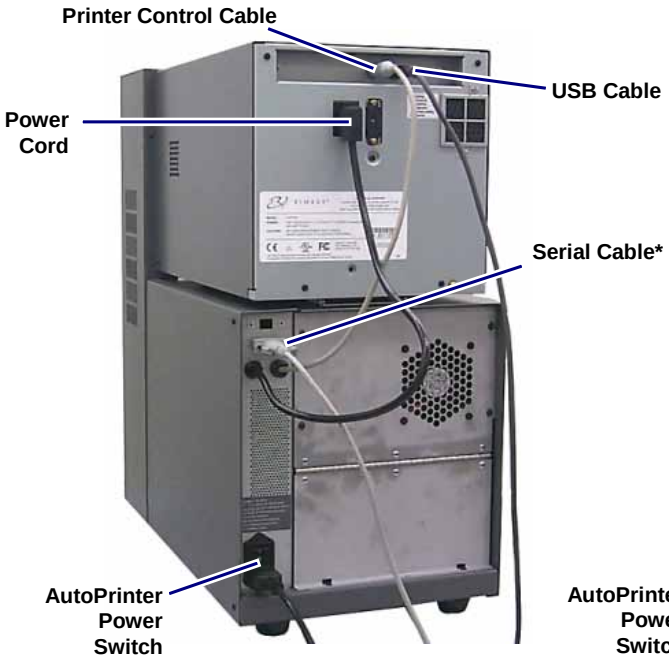
Active — The **active** indicator light illuminates when the control center (PC) is communicating with the AutoPrinter.

Power — The **power** indicator light illuminates when the AutoPrinter is powered on.

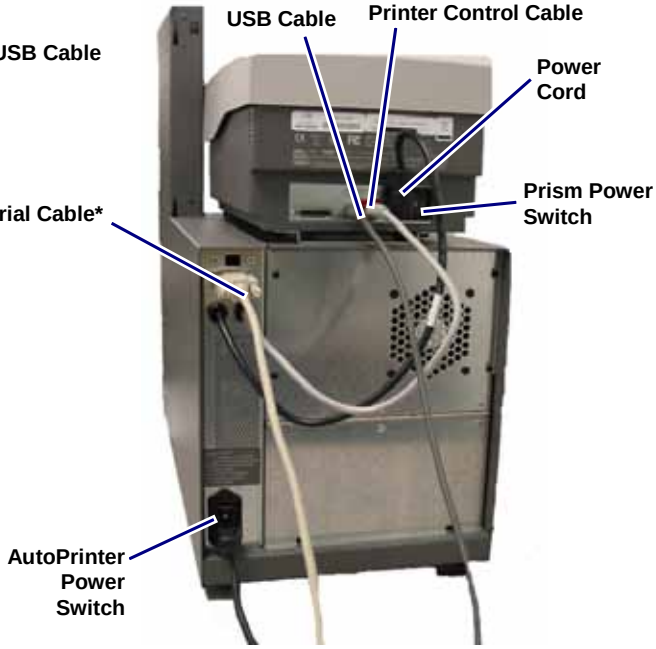
Fault — The **fault** indicator light, located on the **operator button**, illuminates if an error is detected.

Rear View

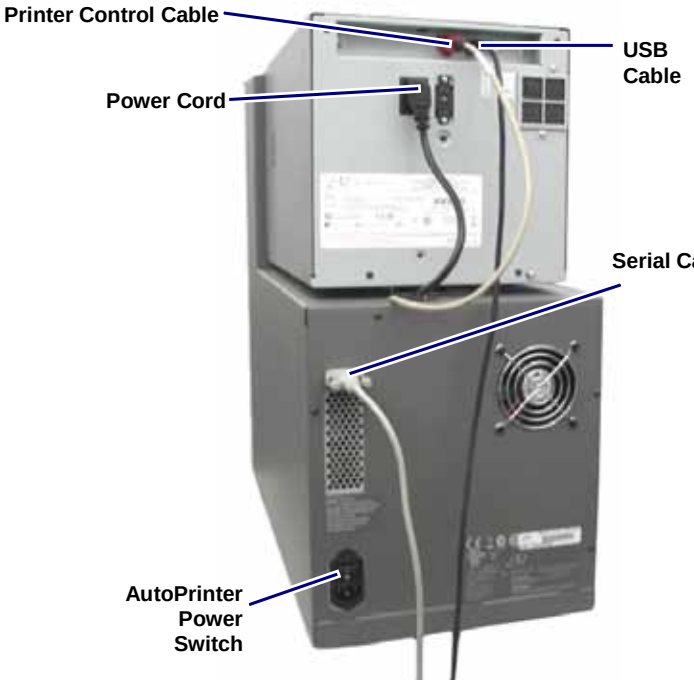
AutoEverest II



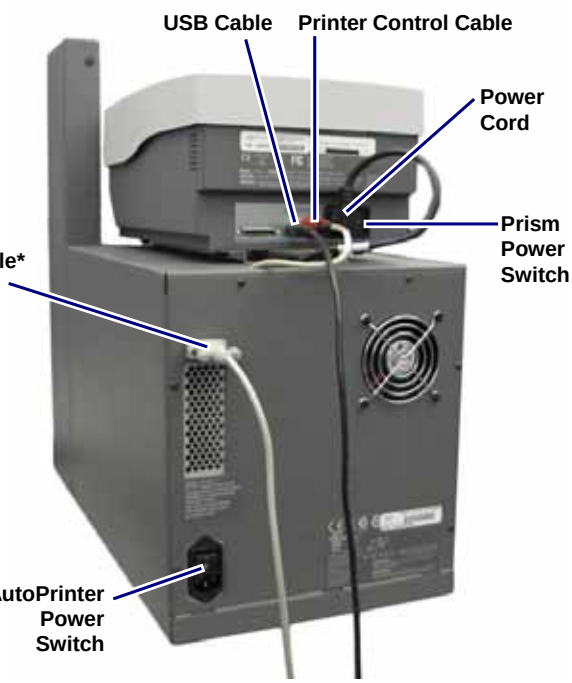
AutoPrism II



AutoEverest III



AutoPrism III



* The serial cable is used only for updating the firmware. Do not connect the serial cable to the AutoPrinter during normal operation.

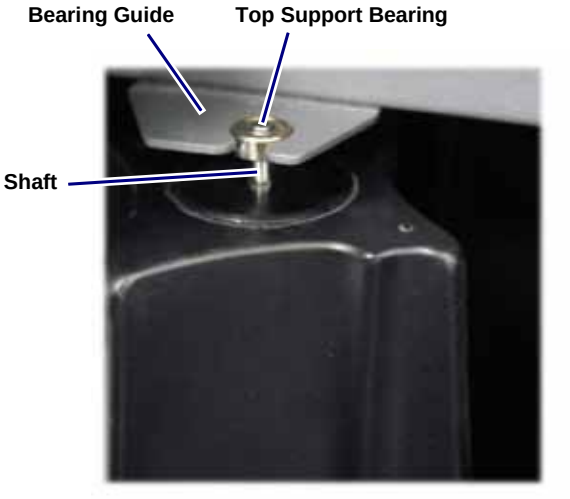
Operate the AutoPrinter

This section provides the information needed to operate your Rimage AutoPrinter.

Install the Carousel

Important! To prevent errors, install the carousel before operating the software or powering on the AutoPrinter.

1. Slide the **carousel** into the AutoPrinter so that the **shaft** slides into the opening of the **bearing guide**. Refer to the *Front View* section on page 7 for proper carousel placement.
2. Lower the carousel so that the **top support bearing** drops into the **bearing guide**.
3. If necessary, rotate the **carousel** to seat the carousel securely.



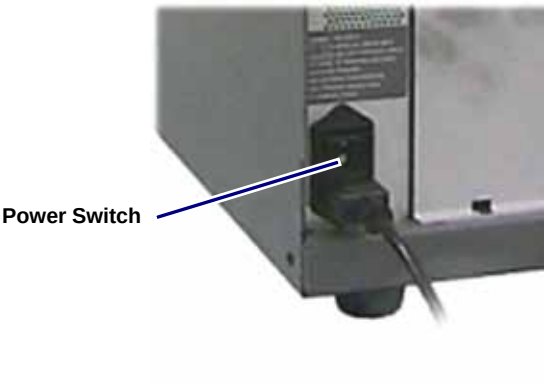
Power On and Off the AutoPrinter

Important! The carousel must be installed before you power on the system. Refer to the *Install the Carousel* section above.

Notes:

- The Prism printer has a separate power switch. The Prism power switch must be in the On position in order for the printer to power on at the same time as the AutoPrinter.
- The Everest printer does not have a power switch. The Everest printer powers on when the AutoPrinter powers on. The Everest printer takes 1 to 2 minutes to complete initialization.

- Press the **power switch** on the rear of the AutoPrinter to the On position. The AutoPrinter powers on.
- Press the **power switch** to the Off position. The AutoPrinter powers off.



Load and Unload Discs

You can load up to 100 discs per carousel bin. You may load discs in the bins before installing the carousel.

When the carousel is installed in the AutoPrinter, discs can be installed one bin at a time by using the following procedure.

. **Note:** Use carousel bins 1, 2, and 3 to load blank discs. Bin 4 is used only for outputting completed discs.

Load the Discs

1. Press the **operator button** to rotate the carousel and place bin 1, 2, or 3 in position to load discs.
2. Place blank **discs** in the bin.

   J **Important!** Place the discs into the bin with the recording side facing down.

   & **Tip:** Hold the discs by the outer edge so you do not put fingerprints on either the top or the bottom surface of the discs. Fingerprints on the top of a disc can affect printing quality. Rimage recommends wearing lint free gloves.
3. Repeat **steps 1–2** until the bins 1, 2, and 3 are filled.

   . **Note:** When bin 1 is empty, the AutoPrinter picks discs from bin 2. When bin 2 is empty, the AutoPrinter picks discs from bin 3. After the AutoPrinter starts picking discs from bin 2 or 3, it continues picking discs from that bin until it runs out of discs, it is powered off, or it is reset to pick from bin 1.
4. Reset the AutoPrinter. Refer to the *Reset the AutoPrinter* section below.

Unload the Discs

1. Press the **operator button** to rotate the carousel and place a bin in a position to unload discs.
2. Remove the **discs** from the bin.
3. Reset the AutoPrinter. Refer to the *Reset the AutoPrinter* section below.

Reset the AutoPrinter

When the AutoPrinter is reset, it begins picking discs from bin 1, not the bin it was picking from before the reset. Use the following procedure to reset the AutoPrinter.

1. Lift the **carousel** up so that the **top support bearing** comes out of the **bearing guide**. (Refer to the photo on page 9.) The carousel present indicator light illuminates.
2. Set the **carousel** back down. The carousel present indicator light turns off and the AutoPrinter resets. When the next print job is submitted, the AutoPrinter will start picking discs from bin 1.

Set Printing Preferences

Printing preferences allow you to set up your AutoPrinter to produce the best possible labels on your discs. Refer to your Everest or Prism printer user guide for specific printing preferences instructions.

Maintain the AutoPrinter

Use the information in this section to keep your AutoPrinter in optimal operating condition.

Install the Ribbons

Tips:

- Before installing ribbons in the Everest or Prism printer, stop any operations.
- To change ribbons in a **Prism** printer, refer to the *Rimage PrismPlus! Printer User Guide*.
- To change ribbons in an **Everest** printer, refer to the *Rimage Everest Printer User Guide*.

Cleaning Method and Schedule

Task	Frequency
Clean the AutoPrinter Remove dust from the AutoPrinter and the surrounding work area.	Once a week
Check the printer alignment (AutoPrinter II systems only) Align the printer to the lift arm. Refer to the procedures below for instructions.	Upon installation or if the discs are not being picked correctly from the printer tray

Align the Printer on an AutoPrinter II

Note: The printer alignment instructions in this section are for AutoPrinter II systems only. The printer alignment on AutoPrinter III systems is preset and should not require adjustment.

Use the appropriate alignment procedure for the Everest or Prism printer installed on the AutoPrinter II.

Everest Printer

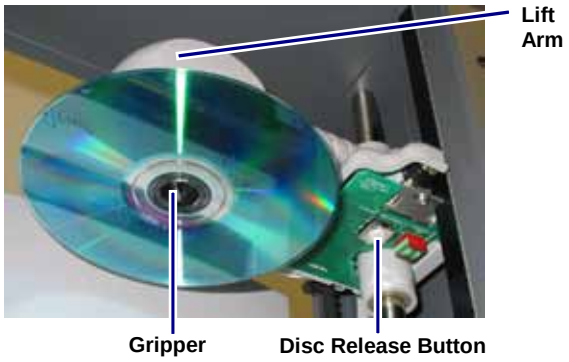
Required Tools:

- Torx T25 screwdriver
- 5/32″Allen wrench

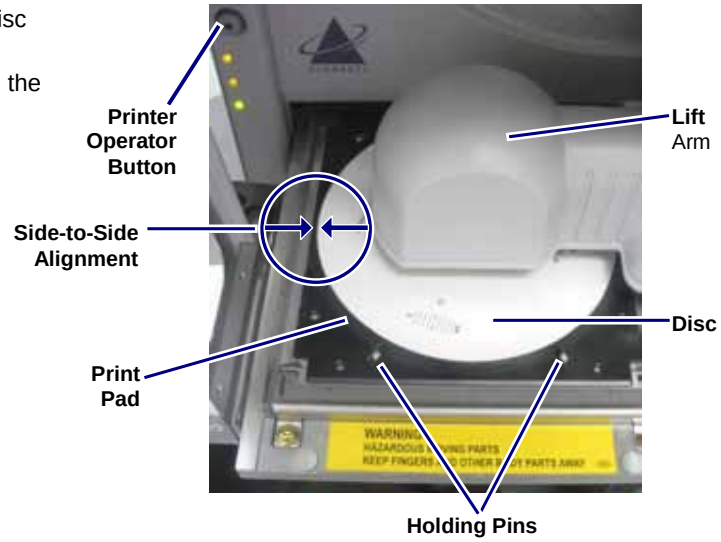
1. Power on the **AutoPrinter**.
2. Wait for the system to complete initialization.

   Note: The Everest printer takes 1 to 2 minutes to complete the initialization. When initialization is complete, the active indicator light on the Everest printer illuminates.

3. Prepare the system for alignment.
   a. Manually slide the **lift arm** to the top of the AutoPrinter.
   b. Place a **disc** on the lift arm by pressing the **disc** into the gripper while pressing the **disc release button**.
   c. Release the **disc release button**. The gripper holds the disc.
   d. Press the **printer operator button** to open the printer tray.



4. Align the printer.
   a. Slowly slide the **lift arm** down until the disc just touches the print pad.
   b. If the disc is not centered side-to-side on the print pad, adjust the alignment.

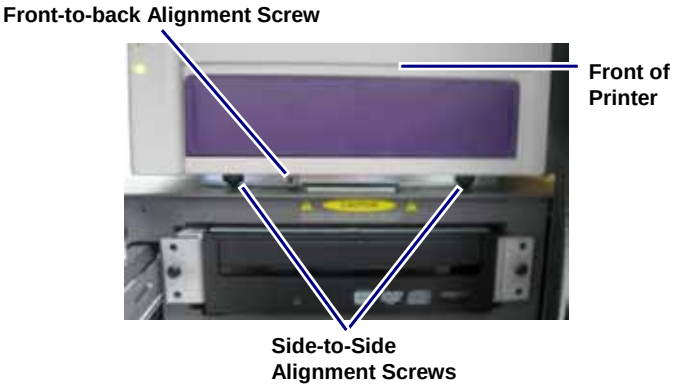


      i. Use the Torx T25 screwdriver to loosen the **side-to-side alignment screws** (Qty. 2).
      ii. Slide the **printer** until the side edges of the disc and print pad are aligned.

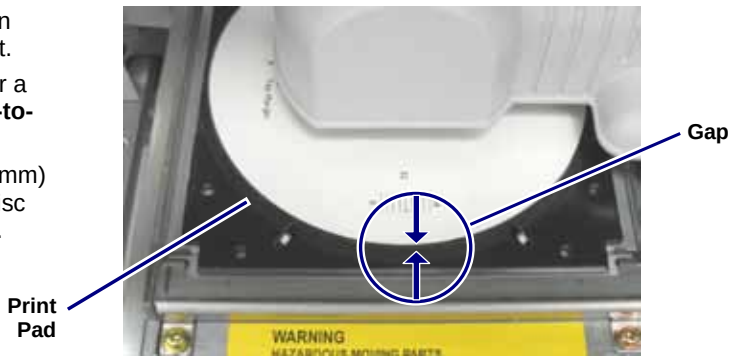
      Important! Slide the printer only. Do not slide the printer tray.

      iii. Tighten the **side-to-side alignment screws** (Qty. 2).

      Tip: Tighten each screw in increments to prevent shifting.



   c. If the disc is not centered front-to-back on the print pad, adjust the printer alignment.
      i. Use either a Torx T25 screwdriver or a 5/32″ Allen wrench to turn **the front-to-back alignment screw** (Qty. 1).
      ii. Make sure that there is a 1/16″ (1.5 mm) gap between the front edge of the disc and the raised edge of the print pad.



5. When the printer is aligned, slide the **lift arm** to the top of the AutoPrinter.
6. Press the **printer operator button** to close the printer tray.
7. Press the **disc release button** to release the disc from the lift arm.

   Tip: Place your hand under the disc to catch it.

   The printer is aligned and the AutoPrinter is ready for use.

Prism*Plus!* Printer

@ **Required Tools:**

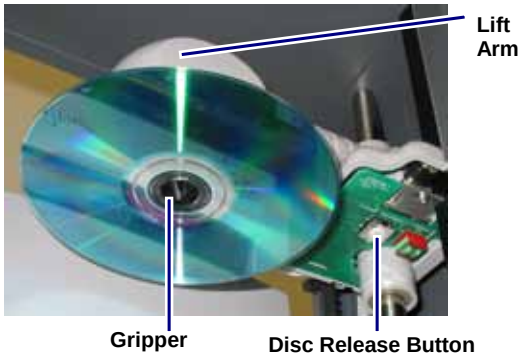
- Torx T25 screwdriver
- 5/32″ Allen wrench

1. Power on the **AutoPrinter**.

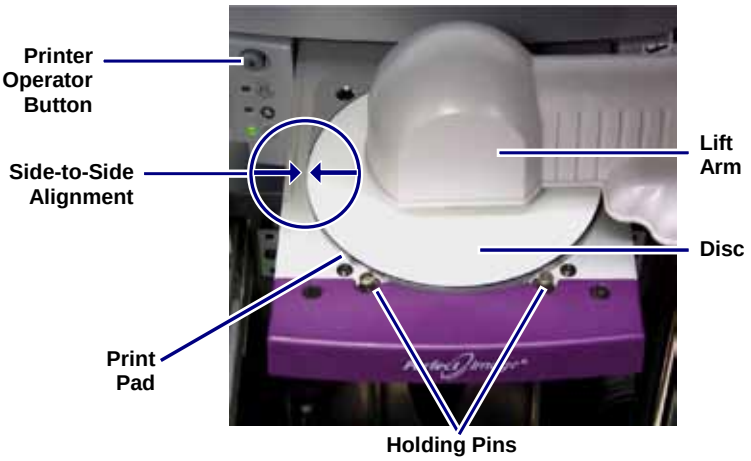
   & **Tip:** If the Prism power switch is in the On position, you can power on both the printer and the AutoPrinter by pressing the AutoPrinter power switch.

2. Wait for the system to complete initialization.

3. Prepare the system for alignment.
   a. Manually slide the **lift arm** to the top of the AutoPrinter.
   b. Place a **disc** on the lift arm by pressing the **disc** into the gripper while pressing the **disc release button**.
   c. Release the **disc release button**. The gripper holds the disc.
   d. Press the **printer operator button** to open the printer tray.



4. Align the printer.
   a. Slowly slide the **lift arm** down until the disc just touches the **print pad**.



b. If the disc is not centered side-to-side on the print pad, adjust the alignment.

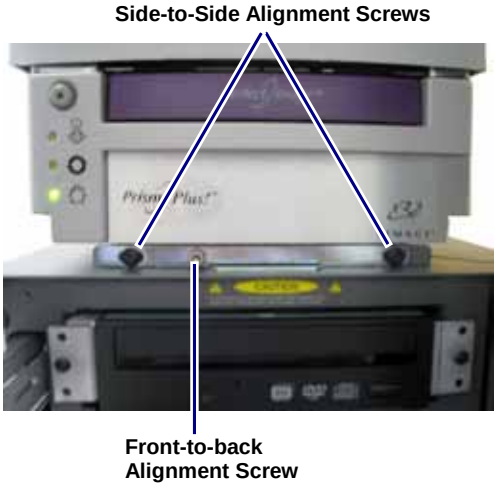
   i. Use the Torx T25 screwdriver to loosen the **side-to-side alignment screws** (Qty. 2).

   ii. Slide the **printer** until the side edges of the disc and print pad are aligned.

   J Important! Slide the printer only. Do not slide the printer tray.

   iii. Tighten the **side-to-side alignment screws** (Qty. 2).

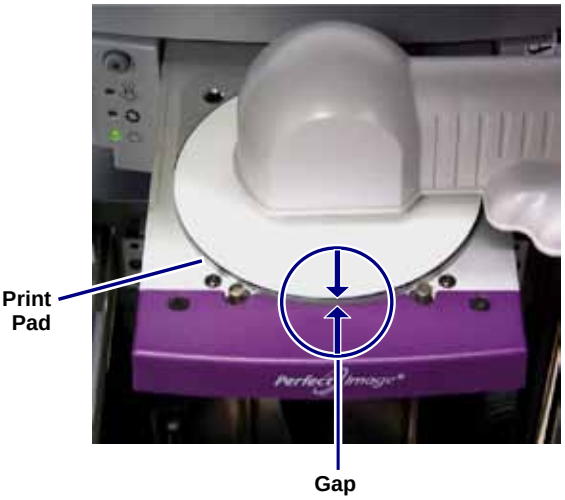
   & Tip: Tighten each screw in increments to prevent shifting.



c. If the disc is not centered front-to-back on the printer, adjust the alignment.

   i. Use either a Torx T25 screwdriver or a 5/32″ Allen wrench to turn the **front-to-back alignment screw** (Qty. 1).

   ii. Make sure that the disc hangs over the edge of the print pad by 0.010″ to 0.015″ (0.25 mm to 0.38 mm).



5. When the printer is aligned, slide the **lift arm** to the top of the AutoPrinter.
6. Press the **printer operator button** to close the printer tray.
7. Press the **disc release button** to release the disc from the lift arm.

   & Tip: Place your hand under the disc to catch it.

   The printer is aligned and the AutoPrinter is ready for use.